

Flex

A high-quality, moulded high-density flexible polyurethane product range, made in the EU, designed for indoor use.

Product range



Significant range of the Duropolymer® and Purotouch® are available in a flexible version. You can recognize them by the additional F at the end of the product code:

Cornices Ref. C+F - CX+F	Panel mouldings Ref. P+F - PX+F	Skirting boards Ref. SX+F	3D Wall covering Ref. W+F - WX+F	Indirect lighting Ref. C+F - CX+F
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Main characteristics

- Flexible material for bending in various directions, for creative applications. See page 9
- Extensive range of flexible products available (ref nr. + F)
- Perfect match to the rigid version (even for 3D Wall Panels in both horizontal and vertical direction)
- Durable and long-lasting materials
- Water resistant
- Sharp detailed designs with deep relief potential
- Resistant to most common cleaning detergents
- Primed and paintable. Only UV stable after final painting
- Easy installation:
 - Installation guide available
 - Very easy to cut
 - V-Fix (groove for guiding the glue nozzle)
 - Can be sanded to obtain a perfect seamless finish

Further technical information

- Composition: polyurethane foamed with water as a blowing agent;
- Dimensionally stable if correctly installed according to the instructions and the use of the recommended DecoFix adhesives
- Heat resistant up to max 65°C
- Not flame retardant.
- Resistant to splitting.
- Termite resistant
- Water absorption after 24h : <0,1%
- Shore A hardness > 45
- Density 300-350 g/l

Pliability

See page 9 for the minimum radiuses that can be applied for each existing F-reference.

Sustainability

- Foamed with water as blowing agent.
- End-of-life disposal: today still incinerated with heat recuperation.
- Packaging cardboard boxes made from over 90% recycled materials.
- Non-toxic composition: free of asbestos, cyanides and formaldehyde, CFC and PFAS.

Life Cycle Assessment (LCA)

- LCA Impact: assessed per kg of product ; a detailed environmental footprint per product available upon request.
- Global Warming Potential (GWP): measured per kg of product ; a detailed GWP per product available upon request.
- Standards compliance with ISO14040, ISO14044, EN15804+A2.
- Internal LCA document available upon request.
- Full Carbon Footprint : 4,151 kg CO2 eq./kg Purotouch® product.

Fire retardancy (FR)

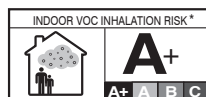
- At the moment Orac Flex cannot be provided with an improved fire retarding behavior.

Painting and maintenance

- Painting: Our products have a matte primed surface for smooth painting and excellent adhesion.
UV-stable only after final painting. We recommend to use a paint with increased elasticity properties.
Painting after installation to obtain the best possible finish. Always follow the instructions of the finishing paint used. Orac is not liable for post-manipulation results.
- Able to repaint endlessly and fix imperfections with our FL300 DecoFiller.
- Maintenance and care: Resistant to most common cleaning detergents and moisture.

Environmental certification

- All products hold a VOC A+-label
- Orac is ISO 14001 certified
- Orac is ISO 45001 certified
- Orac is ISCC PLUS certified



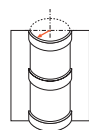
Orac Flex: A+ VOC 0%

Statement on product conformity

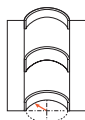
Our product are not classified as building products; there is also no harmonized norm that we need to follow. Therefore we are legally not allowed issue a CE conformity declaration.

Pliability - overview radius of bending

Please consult the table below to verify the minimum radiuses that can be applied.



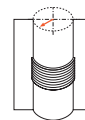
R min.



R min.



R* min.



R min.



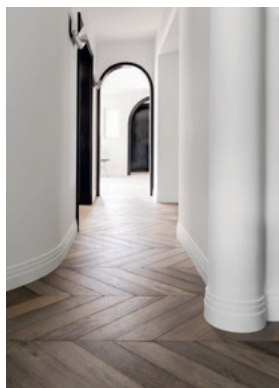
R** min



R** min

Flex radius	R min. (cm)	R* min. (cm)	Flex radius	R min. (cm)	R* min. (cm)	Flex radius	R min. (cm)	R* min. (cm)	Flex radius	R min. (cm)	R* min. (cm)	Flex radius	R min. (cm)	R** min. (cm)
C211F	250		CX100F	200		SX104F	40		P3020F	50	180	W108F	30	40
C213F	280		CX106F	360		SX105F	30		P4020F	40	200	W109F	30	40
C215F	160		CX109F	160		SX118F	40		P4025F	70		W110F	30	40
C217F	380		CX110F	180		SX137F	40		P5021F	20	70	W111F	30	40
C220F	400		CX123F	280		SX138F	40		P7070F	30	230	W114F	30	40
C230F	150		CX124F	160		SX155F	30		P8020F	40	130	W116F	30	40
C240F	270		CX127F	240		SX157F	35	260	P8030F	20	70	W119F	30	40
C250F	70		CX188F	110		SX162F	20	80	P8040F	30		W214F	30	40
C321F	140		CX189F	90		SX163F	35		P8050F	80	200	WX205F	30	40
C333F	300		CX190F	30	130	SX165F	40		P9010F	40	310	WX210F	30	40
C334F	380		CX199F	200		SX172F	35		P9050F	20	60	WX211F	30	40
C339F	380					SX173F	45		P9900F	20	250	WX213F	30	40
C341F	400					SX180F	45		P9902F	15		WX218F	30	40
C373F	100					SX182F	35	100	P9903F	25				
C901F	600					SX183F	40		P9904F	10	35			
C902F	600					SX184F	45		P9905F	15				
						SX187F	40		PX103F	20	80			
						SX194F	25	80	PX120F	30	110			
						SX195F	30		PX144F	20	220			
						SX207F	40		PX175F	30	80			
						S425F	20		PX198F	70				
									PX201F	30	80			
									PX202F	60	150			
									PX209F	20	70			
									DX174F	60	300			

R min.



SX180F | SX180

R* min.



PX103F | PX103 | PX103A | C338B

R* min.



P9010F | P9010

R** min



W110F | W110

Storage and installation all materials

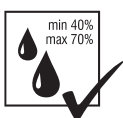
Suitable surfaces

Indoor use only. Apply only to clean, dry, dust- and grease-free surfaces.

Walls and ceilings must be flat for smooth installation. Sand and wash before applying.

Storage & conditioning

Store profiles flat to prevent bending—do not store vertically. Maintain temperature between 5–35 °C and humidity at 40–70%. Allow products to acclimate at room temperature for 24 hours before installation.



Tools

Orac offers a set of tools to help you obtaining a perfect installation; if specific questions please contact us (see contact info on first page)

**The full guarantee is only valid when DecoFix adhesives are used
and the installation instructions are followed.**

Designed for interiors

Orac products (including DecoFix adhesives) are specifically designed for indoor use, where they retain their shape, aesthetics, and performance over time.

To maintain their quality and finish, we recommend using them exclusively indoors. As outdoor conditions can alter their properties, we cannot guarantee results for outdoor use. If you have any questions, our team is available to help.

Please consult our installation guides & videos on our website



guides | videos

Have a look at all our installation guides and videos online



glue calculator

See which glues to use and calculate the amount you need for the perfect installation